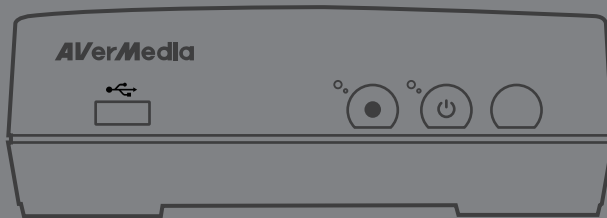


AVerMedia

Capture Box C281



English

User Manual

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Thank you for purchasing the *Capture Box*. Please read this user manual carefully to ensure proper use of this product. We recommend you to keep it for future reference.

Introduction

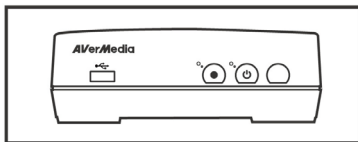
The *Capture Box*, a stand-alone video capture box specially designed for TV gamers, allows you to capture HD content up to 1080p from various video game consoles, such as PlayStation®3 and Xbox 360.

The *Capture Box* records HD gameplays directly to your hard disk drive (HDD) for later viewing and further editing, eschewing the hassle of setting up a PC nearby your TV set.

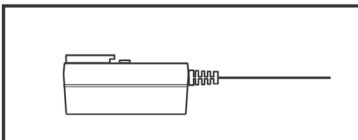
Most attractively, the one-press capture feature allows you to instantly grab high score screen and record your exciting gameplay footage with nearly no effort.

Chapter 1 Package Contents

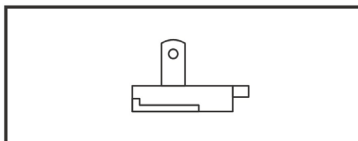
Please confirm that the package contains the following items. If any of the package contents are missing or damaged, please contact the distributor immediately.



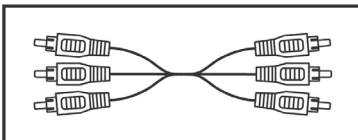
Capture Box



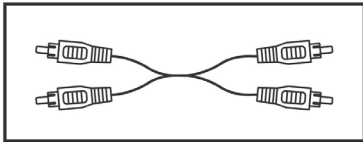
Power Adapter



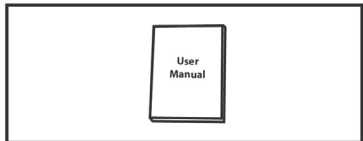
Power Adapter Outlet Module



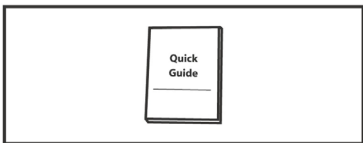
Component Video Cable



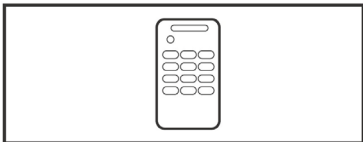
RCA Audio Cable



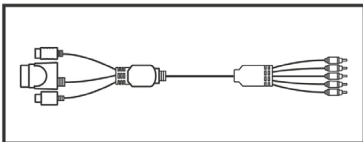
User Manual



Quick Guide



Remote Control (Batteries Included)



Universal Component Cable for
Game Consoles

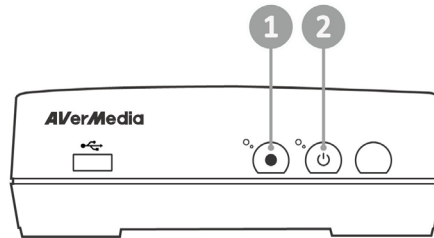


- The accessories that come with the package may slightly vary depending on different sales regions.
- AVerMedia regularly releases the latest version of firmware for the *Capture Box*. Having the latest firmware enhances the functionality of the *Capture Box*. To download the latest firmware file, please go to [/www.avermedia.com](http://www.avermedia.com) and then enter the model name in Product Search field. Firmware file is available on the product information page. (See p.39 for details)

Chapter 2 The Unit Parts

2.1 Touch Button Control Panel

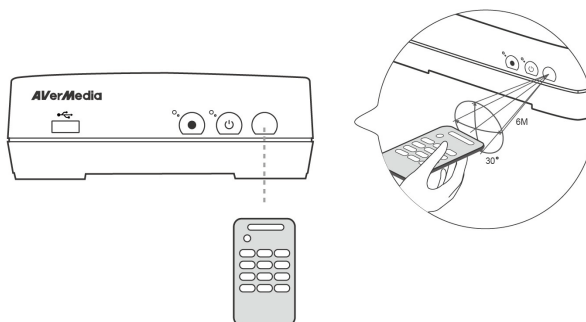
The touch button panel found on the front of the unit provides quick access to commonly used functions



#	Buttons	Descriptions
1		Record Press to start / stop recording.
2		Power Press to turn the unit on / into stand-by mode.

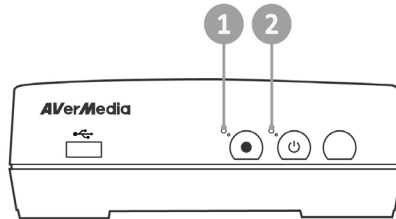
2.2 Infrared Sensor

When using the remote control, aim it at the infrared (IR) sensor located at the front panel of the unit. The remote control must be held at an angle within 30 degrees perpendicular to the IR sensor to function correctly. The distance between the remote control and the sensor should not exceed 6 meters (20 feet).



2.3 LED Indicator

The LED indicators on the front of the unit show the device's status.



1 Red LED indicator

While the device is...

- On (Standard Mode)
- On (Real-time Mode)
- Off / in standby mode

Starting up / Powering off / Upgrading its firmware

Having problems

Receiving a remote control signal (Standard Mode)

Receiving a remote control signal (Real-time Mode)

While the device is...

- Under recording mode
- Accepting a snapshot command

2 Green / Blue LED indicator

The Green/Blue LED indicator...

- Glow solid green
- Glow solid blue
- Lights off

Flashes green continuously

Alternates between green and blue

Flashes green once

Flashes blue once

The Red LED indicator...

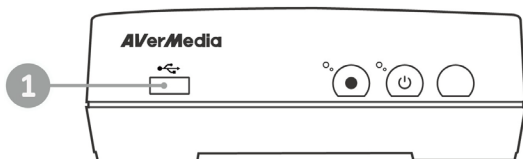
- Flashes red continuously
- Flashes red once



For the description on **Standard Mode** and **Real-time Mode**, refer to p.26.

2.4 Connection Ports

2.4.1 Front View

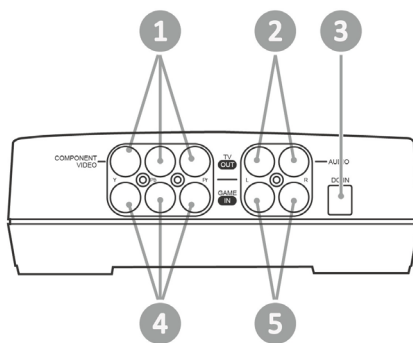


1 USB slot



- USB slot is for external USB storage device connection as well as for firmware upgrade via USB storage device.
- USB hub is not supported.

2.4.2 Rear View



1 Component video output

2 RCA Audio L/R output

3 DC-IN

4 Component video input

5 RCA Audio L/R input

Chapter 3 Installation & First Time Setup

3.1 Hardware Installation

Please follow the steps below to properly connect the *Capture Box* and your TV / video game consoles.



- The *Capture Box* supports one game console connection at a time only. Connecting more than one console to the *Capture Box* at the same time may result in video quality issues, even if only one console is on.
- Before making the connections, make sure to set game console's video output to "Component" and adjust its output resolution to 1080p or below. Then power your game console off.
- If you would like to install internal hard drive, install it before making the connections.
- Make sure that the cables are firmly connected and that neither of the cables are loose. If any of the cables are loose or disconnected, there may be a loss of signal or screen color problems.

Step 1

Connecting the Device to Your Game Console Using Universal Component Cable

Universal Component Cable is used to hook up your game console to the *Capture Box* at a time.

This cable is composed of component video cable with RCA audio cable at one end and three cables compatible with PS2/3, Xbox and Wii at the other end.

Step 1-1:

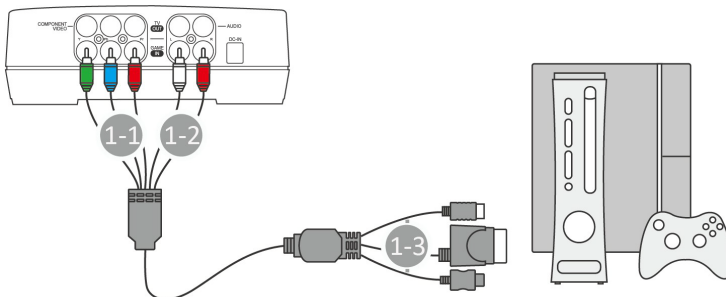
Plug the green, blue, red connectors into the **COMPONENT VIDEO IN** port on the rear of the device.

Step 1-2:

Plug the white and red connectors into the **AUDIO IN** port on the rear of the device.

Step 1-3:

Plug the other end to your game console (choose a console-specific cable).



Make sure not to mix up the two red cables.

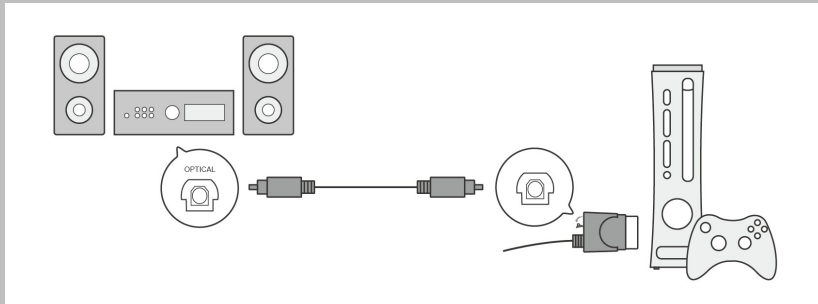


When connecting with the *Capture Box*, your console's audio output settings remain unchanged. If your amplifier or other audio devices support optical digital audio output, you can still output digital audio. Please follow the steps below to make digital audio cable connection and configure the audio output settings.

For Xbox 360:

Step 1

Connect one end of the digital audio cable (not included) to the **DIGITAL AUDIO OUTPUT** port on the Universal Component Cable. Then connect the other end to the **DIGITAL AUDIO INPUT (OPTICAL INPUT)** port on your amplifier or surround system.



Step 2

On your console, go to **Settings > Console Settings > Audio > Digital Output** and select the appropriate digital audio setting for your amplifier or surround system.

For PS3:

Step 1

Connect your console with amplifier or surround system via digital audio cable (not included)

Step 2

On your console, go to **Settings > Sound Settings > Set Audio Output Settings** and select "Optical Digital". Then select "Dolby Digital 5.1 Ch."

Step 3

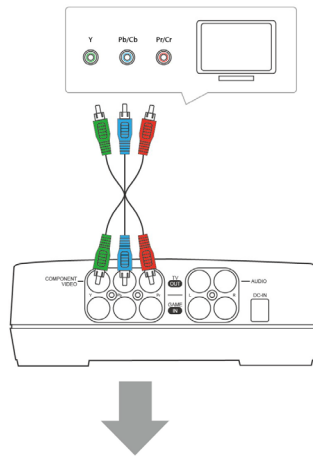
On your console, go to **Settings > Sound Settings > Audio Multi-Output** and set the option to "On".



Step 2

Connecting the Device to Your TV Using Component Video Cable

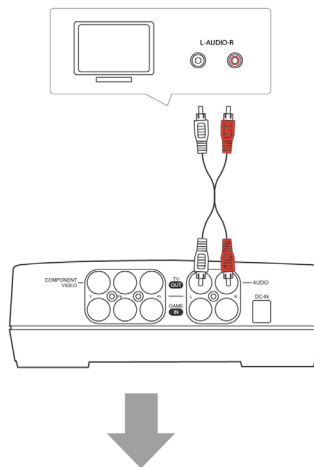
Connect one end of the component video cable to the **COMPONENT VIDEO OUT** port on the rear of the device and the other end to the **COMPONENT VIDEO IN (colored green, blue, and red)** port on your TV.



Step 3

Connecting the Device to Your TV Using Composite Audio Cable

Connect one end of the composite audio cable to the **AUDIO OUT** port on the rear of the device and the other end to the **AUDIO IN (colored white and red)** port on your TV.



Step 4

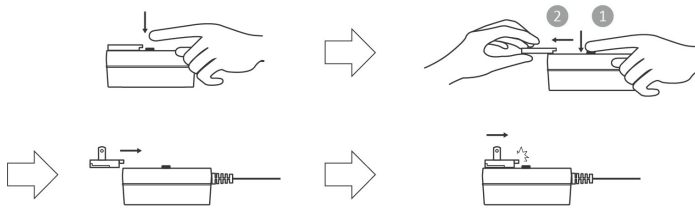
Powering on Your Game Console

Power on your game console.



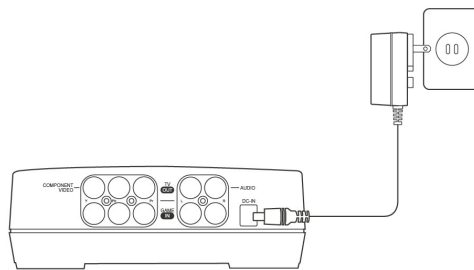
Step 5 Installing the Power Adapter

Slide the Power Adapter Outlet Module into the groove on the Power Adapter.



Step 6 Connecting the Power Adapter

Connect the Power Adapter connector to the **DC-IN** port on the rear of the device. Then plug the power adapter to a wall outlet.



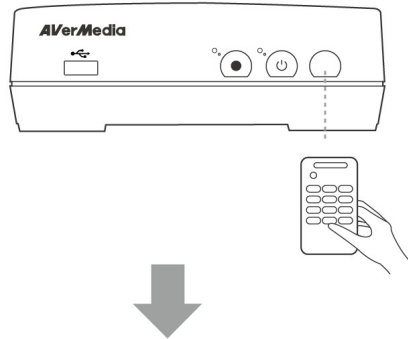
Step 7 Powering on the Capture Box

Press the power button on the front panel of the device.

Or

Aim the remote control at the infrared sensor located on the front panel of the device. Then press **Power** on the remote.

The LED indicator then lights up green, indicating that the device is on.



Step 8 Check Video on TV screen

Make sure that there is video displayed on TV screen.



If your TV is not displaying video properly, please check the followings:

- Make sure that your TV is set on the correct input source (COMPONENT IN). Switch video input by pressing the input selection button ("Input"/"Source"/"TV/AV") on the TV remote control. Supported resolutions vary depending on the TV in use. For details, please refer to the documentation that comes with your TV.
- Check video output settings of your game console. If you were using HDMI connection for your game console, reset the video output for your game console (See p.20 for details).
- Power off Capture Box and then make sure that the device is connected properly and with the proper cables.
- If there is still no video signal on TV, refer to FAQ section at www.avermedia.com for further troubleshooting.

3.2 Storage Device Installation

The *Capture Box* supports 2.5 inch internal hard drive (with both 9.5mm and 12.5mm height) and external USB storage device. You can save the recorded files and snapshots either to the internal HDD or your external USB drive.

3.2.1 USB Storage Device Insertion

Connect your portable USB hard drive to the USB port on the front of the *Capture Box*



- It is highly recommended to use a hard drive instead of a flash drive to minimize the risk of recording failure.
- To avoid data loss, go to main menu and press **F1** to safely remove your external storage device before unplugging it from the *Capture Box*.
- If problems encountered while using USB flash drive to store recordings, refer to FAQ section at www.avermedia.com for further troubleshooting.

3.2.2 HDD Installation and Removal



- It is highly recommended to use a new unformatted hard drive or a hard drive formatted as NTFS file system. The maximum supported storage capacity of the hard drive is 2TB.
- Before installing or removing the internal HDD, please disconnect the power supply from the *Capture Box* to avoid data loss.
- Removing internal HDD immediately after powering-off may cause personal injury due to heat. Please wait until the HDD cools down completely (it takes approximately 10 minutes) before any attempt to remove it.

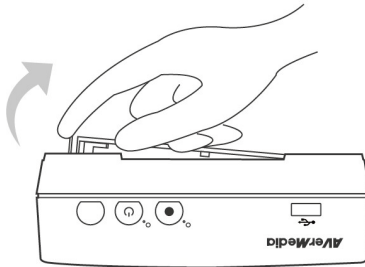
To install the internal HDD:

Step 1

Removing the HDD Lid

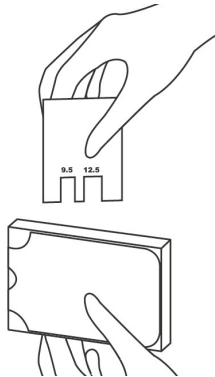
Use your fingertip to flip open the HDD lid, located on the bottom of the **Capture Box**.

Lift off the lid and set it aside.



Step 2 **Measuring HDD Height Using Measuring Card**

Use the measuring card placed on the HDD slot to measure the height of your HDD (9.5mm or 12.5mm).

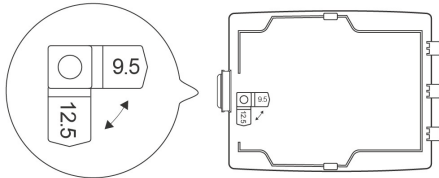


Step 3 **Adjusting the Rotary Knob**

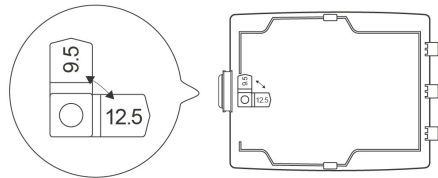
Adjust the rotary knob attached to the inner side of the lid to fit the height of your HDD.

The default position of the rotary knob fits HDD with 9.5mm height. If you use HDD with 12.5mm height, rotate the rotary knob to the other direction.

Using a 9.5mm HDD:

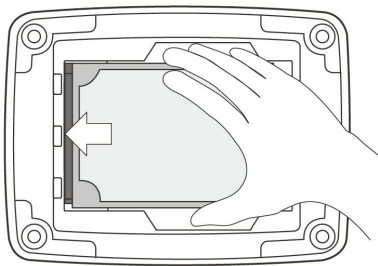


Using a 12.5mm HDD:

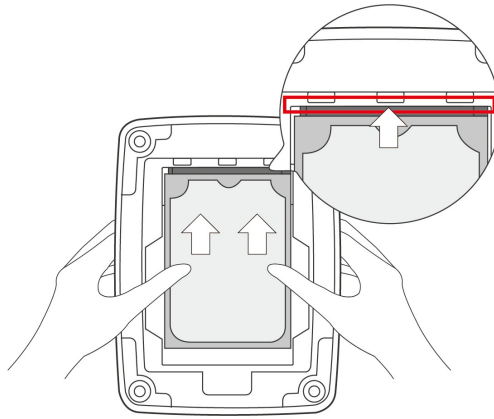


Step 4 **Inserting the HDD**

Place the HDD on the slot with the sticker-side facing up and the HDD connector end facing to the left.

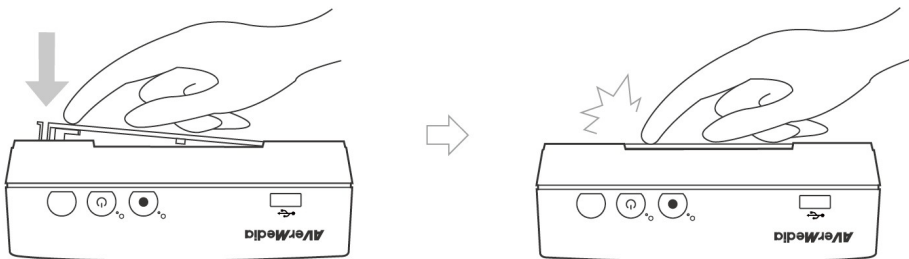


Align and insert the HDD connectors all the way into the SATA connectors attached to the slot. Push in firmly to secure them.



Step 5 **Replacing the HDD Lid**

Place the HDD lid back and snap it into place.



To remove the internal HDD:

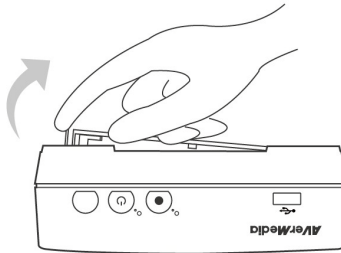
Step 1 **Removing the HDD Lid**



Removing internal HDD immediately after powering-off may cause personal injury due to heat. Please wait until the HDD cools down completely (it takes approximately 10 minutes) before any attempt to remove it.

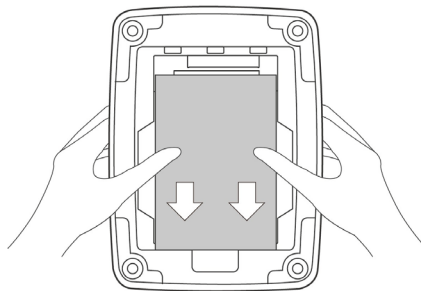
Use your fingertip to flip open the HDD lid, located on the bottom of the **Capture Box**.

Lift off the lid and set it aside.



Step 2 Removing the HDD

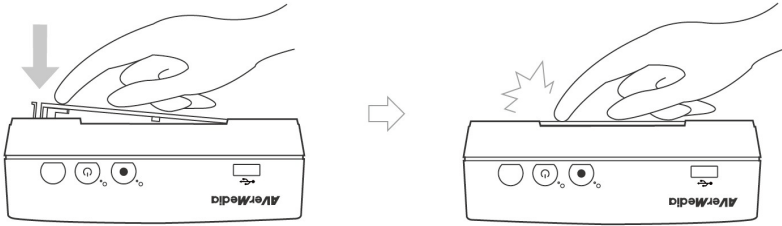
Pull the HDD out in the direction of the arrow. Then lift the HDD out of the slot.



Step 3

Replacing the HDD Lid

Place the HDD lid back and snap it into place.



- If your hard drive is not detected, keep the hard drive connected and restart the *Capture Box*. If problem remains unsolved, refer to FAQ at www.avermedia.com for further troubleshooting.
- It is typical that, after a hard drive is formatted, the actual disk space of the drive would be slightly less than its unformatted capacity.

3.3 Setup Wizard

When the first time you power on the *Capture Box* unit, the setup wizard appears. The following steps guide you through the initial configuration process.

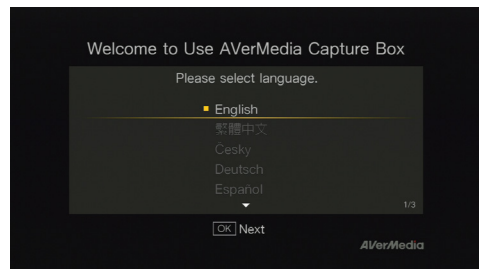


- Make sure to install internal hard drive or external USB storage device beforehand.
- For the first-time initialization, a short duration of black screen (approximately 20 seconds) is followed by AVerMedia logo. The blinking green status light indicates that the *Capture Box* is starting up. Please wait until the welcome screen appears.

Step 1

Setting up Language

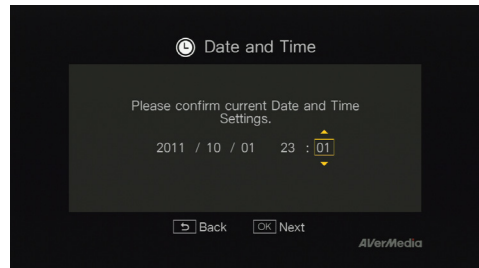
When the welcome page appears, use ▲/▼ to select your preferred language. Press **OK** to confirm.





Step 2 Setting up Date and Time

Use ◀/▶ to move among options and ▲/▼ to adjust date and time. Press **OK** to confirm.

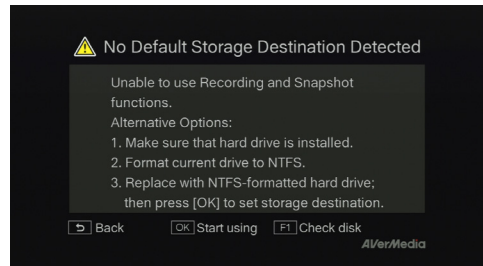


Step 3 Installing Storage Device

If you have not yet installed any storage device, install it before continuing the setup process.

Then press ^{BACK} ↶ to go to the previous screen and press **OK** to run disk checking process.

If you have already installed your storage device beforehand, jump to **Step 5**.



- Unplug *Capture Box* from the power supply before installing an internal HDD.
- If your hard drive cannot be detected, refer to FAQ at www.avermedia.com for further troubleshooting.



Step 4 Formatting Storage Device (Optional)

If you are using a new hard drive, a disk format request will be prompted.

Press **OK** to start the disk format process. Once finished, press **OK** to start using **Capture Box**.



- Disk formatting will remove all the data stored on the disk. Please properly backup your data before formatting the disk.
- NEVER power off the device or unplug the power supply during the disk format process.

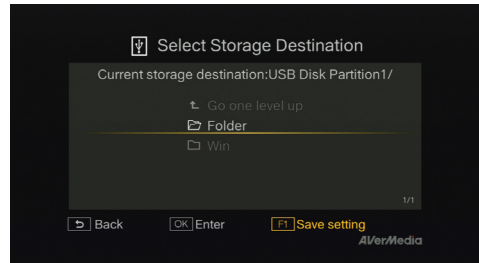
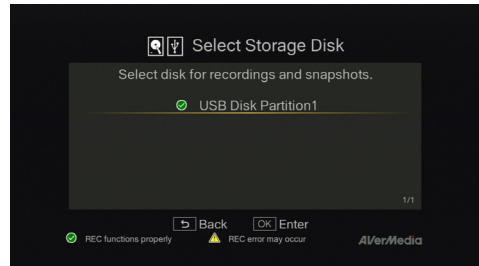


Step 5 Setting up Storage Destination

Use ▲/▼ to select desired default storage disk for both recorded files and snapshots. Press **OK** to select a disk.

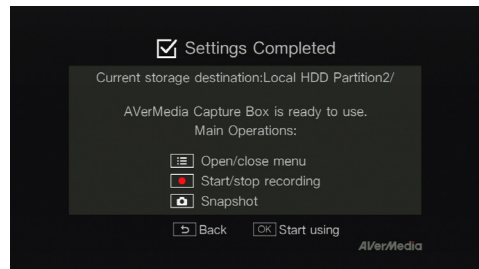
* indicates normal write speed of selected partition; indicates low write speed of selected partition. To make sure recording functions properly, be sure to select partition with normal write speed. If you would like to select partition with , please format the partition into NTFS. If the problem persists, refer to FAQ at www.avermedia.com for further troubleshooting.

Then use ▲/▼ to select a folder and press **OK** to enter.
Press **F1** to save setting.



Step 6 Finishing Setup Wizard

Press **OK** to exit the wizard and start using **Capture Box**. The game screen then appears.



3.4 Supported Resolutions

The *Capture Box* supports Component (YPbPr) input resolution:

Component (YPbPr)
480i/576i
480p/576p
720p (50 & 60Hz)
1080i (50 & 60Hz)
1080p (50 & 60Hz)

3.5 Video Output Settings for Game Consoles

The *Capture Box* supports YPbPr input resolution up to 1080p. If you were using HDMI connection for your game console, you need to set the console's video output to 1080p or below.

3.5.1 Video Output Settings for PS3

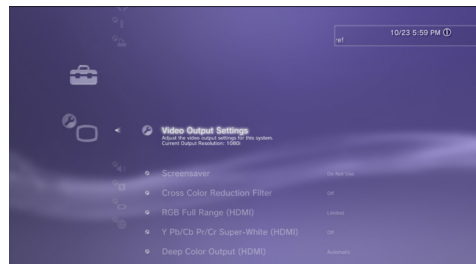


- Before resetting video output for PS3, make sure to properly connect Capture Box with your PS3.
- Leave both the HDMI cable and Universal Component Cable for Game Consoles (or your console specific component cable) plugged in.
- Make sure to power off both the *Capture Box* and your PS3 beforehand.
- Supported resolutions vary depending on the TV in use. For details, please refer to the documentation that comes with your TV.

Step 1

Power on your PS3 console.

On your console, go to **Settings > Display Settings > Video Output Settings**.

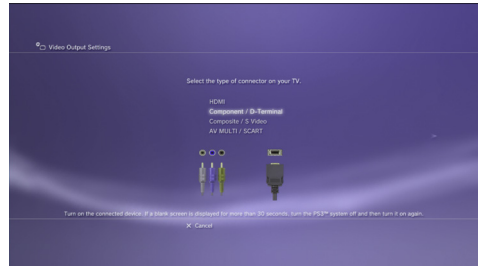




Step 2

Select **Component/D-terminal** and confirm the selection. Then your TV screen goes blank immediately.

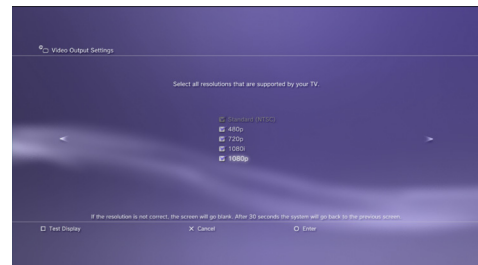
Now use your TV remote to switch the TV input source to **Component (YPbPr)**. The screen then comes back on again.



Step 3

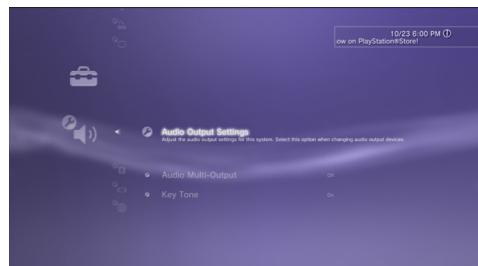
Check ALL the resolutions.

Confirm the setting.



Step 5

Select **Set Audio Output Settings**.





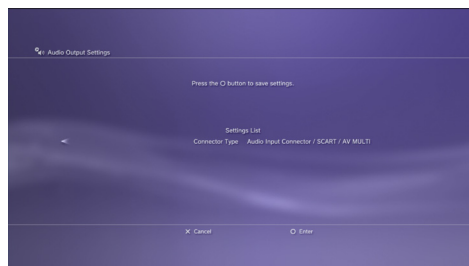
Step 6

Select **Audio Input Connector/SCART/AV MULTI** as audio output.



Step 7

Confirm the setting.



3.5.2 Video Output Settings for Xbox 360



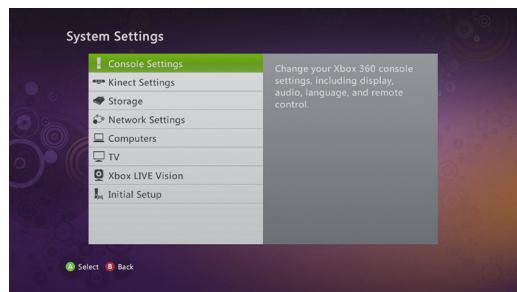
- Before resetting video output for Xbox, make sure to properly connect the *Capture Box* with your Xbox.
- Make sure to remove the HDMI cable beforehand, if it was plugged in.
- Make sure to power off both the *Capture Box* and your Xbox beforehand.
- Supported resolutions vary depending on the TV in use. For details, please refer to the documentation that comes with your TV.

Step 1

Power on your Xbox console.

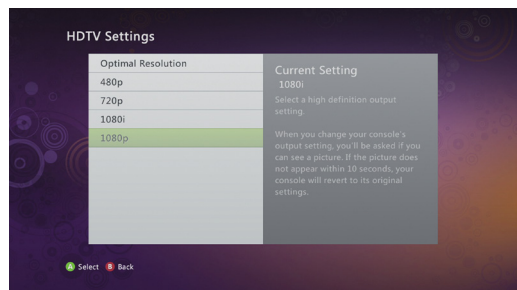
On your console, go to My Xbox on the dashboard and scroll all the way to the right to **System Settings**.

Then select **Console Settings > Display > HDTV Settings**.



Step 2

Adjust the output setting to **1080p** or below from the menu list. Select **Yes** to confirm the setting.



For more information concerning console's video output settings, please refer to the setup instruction that comes with your game console.

Chapter 4 The Remote Control




















The descriptions below show the deployment of the keys on the remote control.







- On **Real-time Mode**, the remote keys are invalid, except for (mode), (start/stop recording), (stop recording), (snapshot), and (power).
- Press to switch between **Standard Mode** and **Real-time Mode**. (See p.26 for details).



#	Buttons	Descriptions
1		Press to turn the unit on / into stand-by mode. * Stand-by mode: power-saving sleep mode.

2		Press to access the main menu. Press again to exit.
3		Press the navigation keys to move among options. Press OK to confirm a selection.
4		Press to play the last recorded file or view the last captured image.
5		Press to start / stop recording.
6		Press to start playing the selected file. Press to play the file at normal (1x) speed when slow motion, rewind, or fast-forward is active.
7		Press to stop the playback. Press to stop the recording.
8		Press to rewind (2x, 4x, 8x, 16x, 32x).
9		Press to return to the previous page.
10		Press to display the video/snapshot quality adjustment screen. Press again to exit.
11		(Follow the on-screen instruction)
12		(Follow the on-screen instruction)
13		(Follow the on-screen instruction)
14		Press to switch between Real-time Mode and Standard Mode during gameplay (See p.26 for details).
15		Press to display the on-screen information.
16		Press to exit the current page and return to the previous page.
17		Press to take a snapshot during gameplay or video playback.
18		Press to pause the playback. Press OK or  to resume playback.
19		Press to play the video in slow motion (1/2x). Press again to enter frame-by-frame mode (See p.27 for details).



20		Press to fast-forward (2x, 4x, 8x, 16x, 32x).
21		Press to go to the next page.
22		Press to delete the selected files.
23		Press to display the disk information. Press again to hide it.


Chapter 5 Gameplay Capture

This chapter guides you to record gameplay, capture images, and instantly play files.

5.1 Live Preview Screen (Standard Mode & Real-time Mode)

Every time you power on the **Capture Box**, **Standard Mode** is set as default. If you would like to switch

to **Real-time Mode**, press . To switch back to **Standard Mode**, press  again.

On **Standard Mode**, you can press  to bring up the menu while playing game with unnoticeable 0.1 second of lag.

On **Real-time Mode**, both the menu and on-screen information are disabled while the gameplay is displayed in real-time. On this mode, only recording and snapshot functions are available.




5.2 Gameplay Capture on Standard Mode

OSD Menu



Descriptions

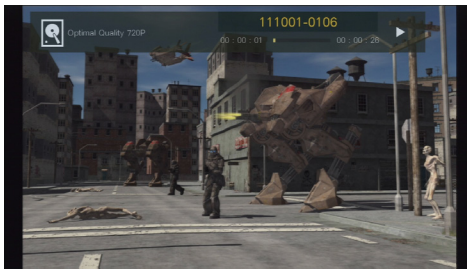
Instant Recording During Gameplay

- Press  to activate instant recording.
- Press  again or  to stop recording.



Quick Snapshot During Gameplay

- Press  to capture current image.



Instant Playback



- Press  to play the last recorded file or view the last captured image.
- Press  to stop the playback.



Image Capture During Video Playback

Way 1:




- Press  to capture current image.

Way 2:

Step 1:

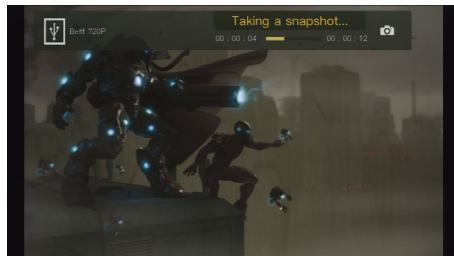
- Press  to play the video in slow motion (1/2x). Press  again to view the video frame by frame.

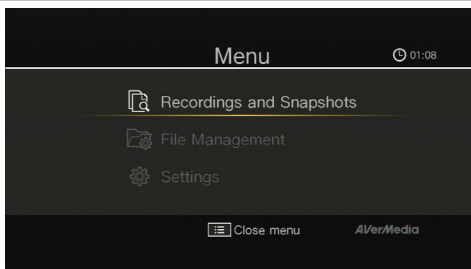
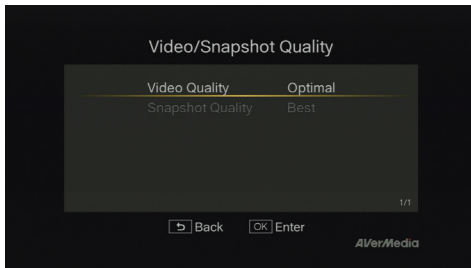
or

- Press  to pause the playback. Press  to go to previous frame; press  to go to next frame.

Step 2:


- Press  to capture your desired image.







Video / Snapshot Quality Adjustment



Step 1:

Press  to display the video/snapshot quality adjustment screen.

Step 2:

Use / to select "Video Quality" or "Snapshot Quality" and press **OK**.


Step 3:

Use / to select desired option and press **OK** to confirm.




Step 4:

Press  to exit.

Disk Information

- Press  to display the disk information.
Press again to hide it.

Main menu

- Press  to call up the main menu.
- Press  or  to return to the game screen.




5.3 Gameplay Capture on Real-time Mode

OSD Menu



Descriptions

Instant Recording During Gameplay

- Press  to activate instant recording
- Press  again or  to stop recording.



Quick Snapshot During Gameplay

- Press  to capture current image.

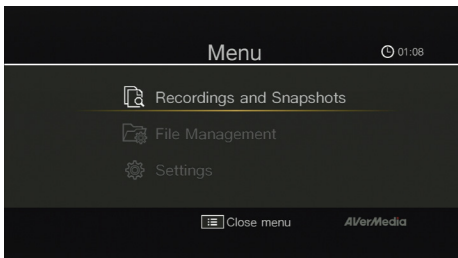
Chapter 6 The OSD Menu Display

Under the menu, you can check and manage both your recorded files and snapshots, and customize your preferences.








Under **Real-time** mode, the OSD menu display is not available. To call up the menu, press  to switch back to **Standard** Mode and then press .


OSD Menu



Descriptions

Basic Operation

- Press  to bring up the menu.
- Press  or  to return to the game screen.
- Use / to make selection on the menu and **OK** to enter a submenu.

- In the submenu, use ▲/▼ to make selection and **OK** to confirm. Press  to return to the previous page.

6.1 Recordings and Snapshots

You can check both recordings and snapshots captured by the *Capture Box* in “Recordings and Snapshots”.

Capture Format:

Video	MP4 (Codec: H.264 format with AAC audio)
Image	JPEG






To convert captured videos from AVI to MP4 (Codec: H.264 format with MP3 audio) for editing, please go to www.avermedia.com and download “MP4 Converter” from “AP & Driver” section on the product information page.

OSD Menu







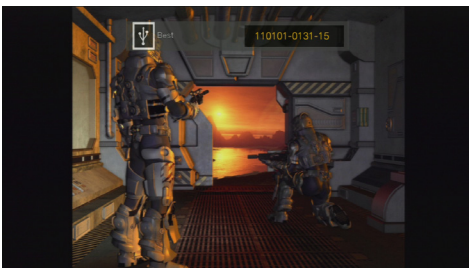
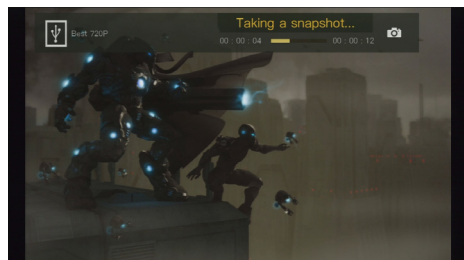
Descriptions

Navigating

- Use the navigation keys ◀/▶/▲/▼ to select among items.
- Press **F1** to sort the files by file name, file size, or file format.
- Press **F2** to switch between list mode and thumbnail mode.
- Press  to go to the next page.
- Press  to return to the previous page.
- Press  to directly access the main menu.

Video Playback

- Press  or **OK** to start playing the selected video.
- Press  or **OK** to pause the playback.
- Press  or **OK** to resume playback.
- Press  to play the video in slow motion.



(1/2x).








- Press  to rewind at 2x, 4x, 8x, 16x, 32x speed.
- Press  to fast forward at 2x, 4x, 8x, 16x, 32x speed.
- Press  to play the file at normal (1x) speed when slow motion, rewind, or fast-forward is active.
- Press  to stop the playback.
- Press  to display the playback information, including storage disk, recording resolution, duration, elapsed and remaining time, and file name.

Image Capture During Video Playback

Way 1:

- Press  to pause and capture current image.
- Press  or **OK** to resume playback.

Way 2:

Step 1:

- Press  to play the video in slow motion (1/2x). Press  again to view the video frame by frame.




or

- Press  to pause the playback. Press  to go to previous frame; press  to go to next frame.

Step 2:

- Press  to capture your desired image.

Snapshots Viewing

- Press  or **OK** to view the selected image.
- Press  return.
- Press  to display the image information, including storage disk and file name.



USB Storage Device Removal

In order to avoid data loss, it is highly recommended to safely remove your external storage device. Please follow the steps below:

Step 1:

DISK INFO

Press **DISK INFO** on the remote control.

Step 2:

Select the partition.

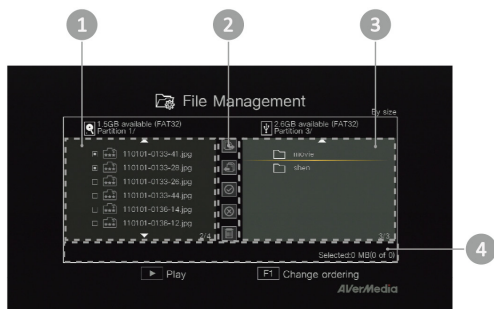
Step 3:

Press **F2** to remove it.

6.2 File Management

“File Management” allows you to manage videos and images captured by the *Capture Box*. You can copy files between internal hard drive and external USB storage device, and delete unwanted files. Please note that only video and image files captured by the *Capture Box* are supported. Before entering this submenu, insert your storage device first (USB 2.0 storage device / 2.5" HDD in NTFS format).

File Management User interface:








1 A list displaying files located on the **internal hard disk**

2 A set of editing tools

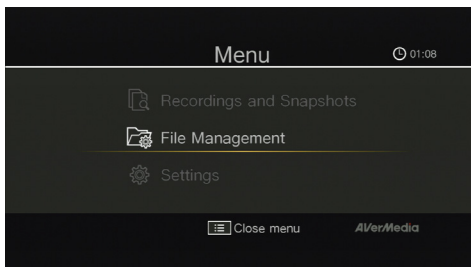
3 A list displaying files located on the **USB disk**

4 Information display area

Descriptions on Editing Tools:




#	Buttons	Descriptions
1		Copy files to USB disk
2		Copy files to internal hard disk
3		Select all
4		Deselect all
5		Delete

OSD Menu




Descriptions

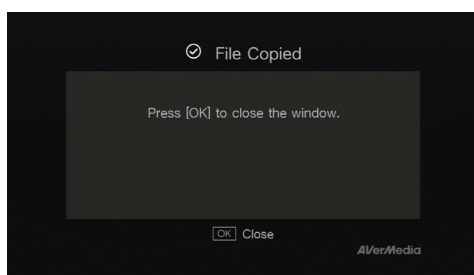
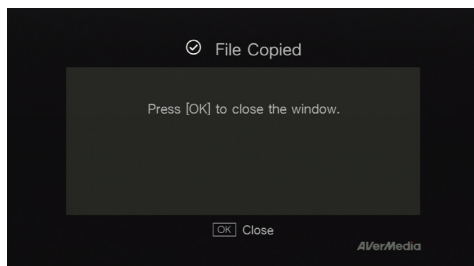
Navigating


- Use ▲/▼ to select and **OK** to enter the folder in which you save the recordings and snapshots.
- Use ▲/▼ to select "Back" and press **OK** to go one level up.
- Press **F1** to sort the files by file name, file size, or file type.
- Press  to go to the next page.
- Press  return to the previous page.
- Press  to directly access the main menu.

Copying Files from Internal HDD to USB Disk


Step 1:

- On the left-side list, use ▲/▼ to highlight the file that you want to copy to USB disk. Press **OK** to select / unselect an item.
- Select  and press **OK** to select all files.



- Select  and press **OK** to deselect all files.

Step 2:



- Select  and press **OK** to copy selected file(s) to USB disk.
- Press ^{BACK} to cancel copying the files in a progress.

Step 3:


- Press **OK**.

Copying Files from USB Disk to Internal HDD

Step 1:

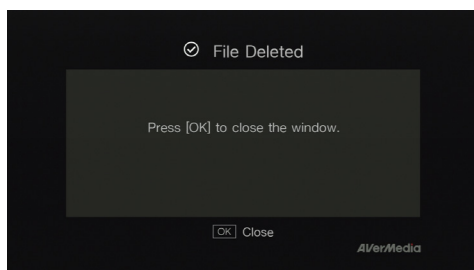
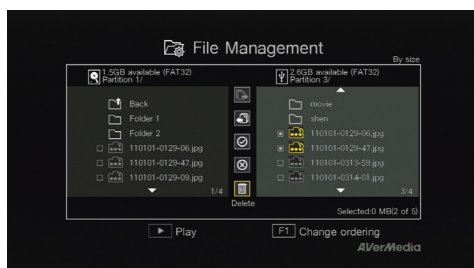
- On the right-side list, use ▲/▼ to highlight the file that you want to copy to internal HDD. Press **OK** to select / unselect an item.
- Select  and press **OK** to select all files.
- Select  and press **OK** to deselect all files.

Step 2:

- Select  and press **OK** to copy selected file(s) to internal HDD.
- Press ^{BACK} to cancel copying the files in a progress.



Step 3:

- Press **OK**.






Deleting Files

Step 1:

- Use ▲/▼ to highlight the file(s) that you want to delete. Press **OK** to select/unselect an item.
- Select  and press **OK** to select all files.
- Select  and press **OK** to deselect all files.










Step 2:

- Select  and press **OK** to remove the file from the list.
- or
- Press  on the remote and then press **OK** to remove the file from the list.
- Press  to cancel deleting the files in a progress.

Step 3:

- Press **OK**.

File Playback

- Press  or **OK** to start playing the highlighted file.
- Press  or **OK** to pause the playback.
- Press  or **OK** to resume playback.
- Press  to play the video in slow motion (1/2x).
- Press  to rewind at 2x, 4x, 8x, 16x, 32x speed.
- Press  to fast forward at 2x, 4x, 8x, 16x, 32x speed.
- Press  to play the file at normal (1x) speed when slow motion/rewind/fast-forward is active.
- Press  to stop the playback.
- Press  to display the playback




A single file size that exceeds 4GB is not allowed to be copied from NTFS-formatted HDD to FAT32-formatted USB storage device. To solve this problem, please format your USB storage device to NTFS file system or use a NTFS formatted USB storage device.

information, including storage disk, recording resolution, duration, elapsed and remaining time, and file name.

USB Storage Device Removal

In order to avoid data loss, it is highly recommended to safely remove your external storage device. Please follow the steps below:

Step 1:

Press  on the remote control.

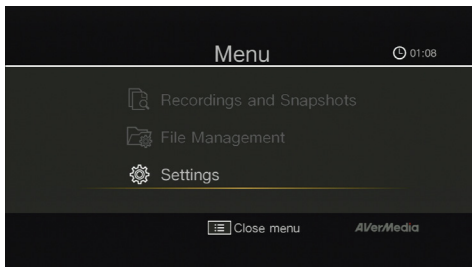
Step 2:

Press **F2** to remove it.

6.3 Settings



You can customize your preferences in "Settings".

OSD Menu



Descriptions

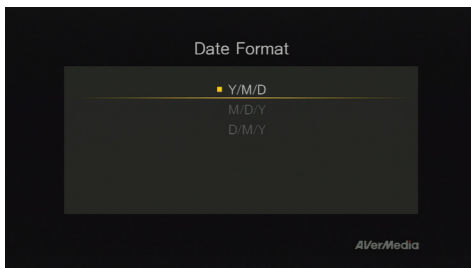
Basic Operation

- Use ▲/▼ to select a preferred category. Press **OK** to make a selection.
- Press  to return to the previous page.
- Press  to directly access the main menu.

Language

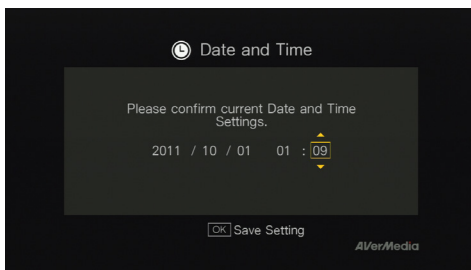
Use ▲/▼ to select your preferred language. Press **OK** to confirm.





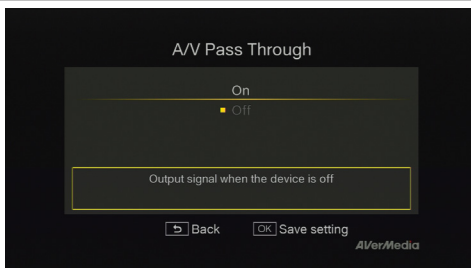
Date Format

Use ▲/▼ to select date format. Press **OK** to confirm.



Date and Time

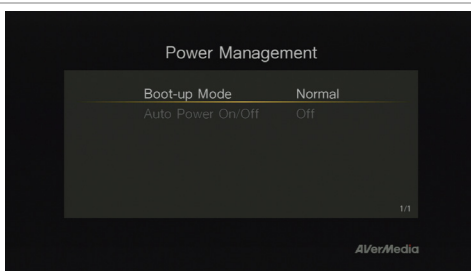
Use ◀/▶ to move among options and ▲/▼ to adjust date and time. Press **OK** to confirm.



A/V Pass Through

Use ▲/▼ to enable/disable A/V Pass Through. Press **OK** to confirm.

*If this function is enabled, *Capture Box* still output signal when the *Capture Box* is off. If this function is disabled, *Capture Box* does not output signal when the *Capture Box* is off.

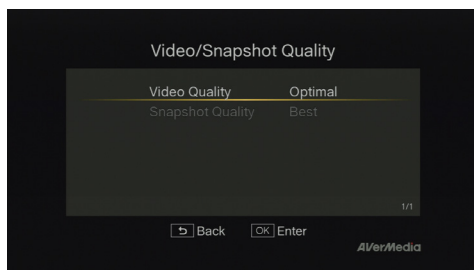


Power Management

Auto Power On/Off

Use ▲/▼ to set the device to auto-power on or off. Press **OK** to confirm.

* Auto-power off:
the device auto powers off when the signal input is unavailable for 10 minutes. The device auto powers on when the signal input is back on.



Video/Snapshot Quality

Video Quality:

Use ▲/▼ to toggle among various video quality options (Optimal/Good/ Maximum recording length). Press **OK** to confirm.

Snapshot Quality:

Use ▲/▼ to toggle among various snapshot quality options (Best/Better/Good). Press **OK** to confirm.



Estimated recording duration for different video quality settings:

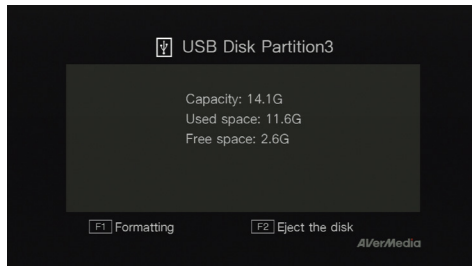
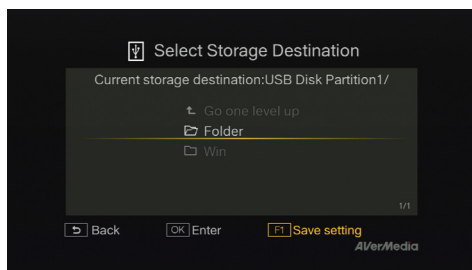
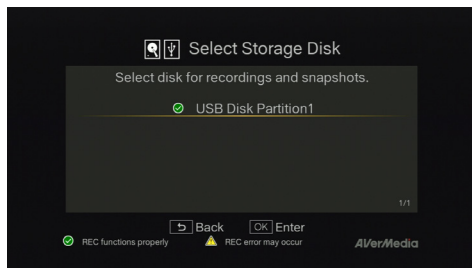
HD (1080i / 1080p / 720p)

Video Quality Storage Capacity	Optimal (15 Mbps)	Good (12 Mbps)	Maximum Recording Length (10 Mbps)
1TB	125 hrs	150 hrs	200 hrs
2TB	250 hrs	300 hrs	400 hrs

SD 480i(576i)/480P(576P)

Video Quality Storage Capacity	Optimal (7.5 Mbps)	Good (5 Mbps)	Maximum Recording Length (3 Mbps)
1TB	250 hrs	400 hrs	650 hrs
2TB	500 hrs	800 hrs	1300 hrs

*Recordings with higher video quality take up more disk space.





Disk Management

Storage Destination

Step 1:

Use ▲/▼ to select desired default storage disk for both recorded files and snapshots. Press **OK** to select a disk.

*  indicates normal write speed of selected partition;

 indicates low write speed of selected partition. To

make sure recording functions properly, be sure to select partition with normal write speed.

Step 2:

Use ▲/▼ to select a folder and press **OK** to confirm.

Step 3:

Press **F1** to save the setting.

Disk Information

This page displays the status of storage capacity of the disk.

Press **F1** to start formatting the disk.

Press **F2** to eject the disk.

Firmware Upgrade

Follow the steps below to upgrade the firmware via USB storage device:

Step 1:

To download the latest firmware binary package, please go to www.avermedia.com, and then enter the model name in Product Search field. Firmware file is available on the product information page.

Step 2:

Extract the files by unzipping the package. Copy the firmware files to the root directory of your USB storage device, and then

connect it to the *Capture Box*.

Step 3:

Press **F1** to start the firmware upgrade process. Press ^{BACK} to abort the operation and return to the previous page.

Step 4:

The *Capture Box* automatically detects whether a newer version of firmware is available for upgrade. Once the firmware upgrade process has completed, press **OK** to restart the *Capture Box*.



- The firmware upgrade process takes up approximately 10-14 minutes.
- Firmware upgrade requires at least 256MB free space of the storage device (USB/HDD).
- If problems encountered during firmware upgrade, please clear all the data stored on your USB storage device and repeat the process above.
- NEVER power off the device or unplug the power supply or remove the USB storage device during the firmware upgrade process. If the firmware upgrade is interrupted for any reason, the device may crash.

Restore to Factory Default

This will restore AVerMedia Capture Box to the default factory settings.
Press [F1] to start restoring.
Once the restore process has completed, the device will restart and run Setup Wizard.

[F1] Restore

AVerMedia

Restore to Factory Settings

Press **F1** to restore to original factory settings. Press ^{BACK} to abort the operation and return to the previous page.

Product Information

Product Name: Game Capture HD
Model No.: C281
Firmware Version: 3.0.0 (WW)
MCU Version: 2012102313 (0.0.3.1.3.1)

Back

AVerMedia

Product Information

This page provides information about this product, including product name, model no., and firmware version.

Appendix A How to Set Your Gameplay Snapshot as PS3 Wallpaper

Start to give your PS3 menu screen a fresh and personalized look to show how cool you are! Please follow the steps below to set the image captured by the *Capture Box* as your PS3 background wallpaper.

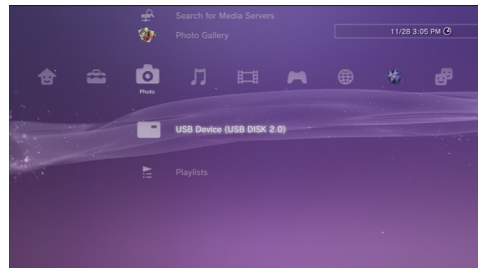
Step 1

Remove your USB storage device from the *Capture Box*, and then plug it into your PS3 console via USB port. Power on your PS3 console.



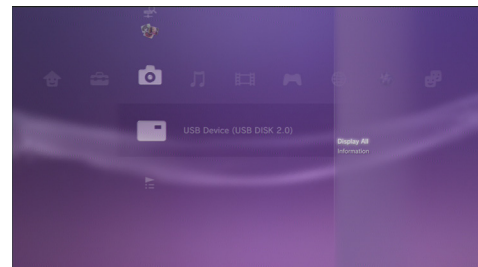
Step 2

On your console, go to **Photo > USB Device**.



Step 3

Press the triangle button on your PS3 controller and select "Display All".



Step 4

Select the image that you wish to use.



Step 5

Press the Triangle button on your PS3 controller to bring up control panel.

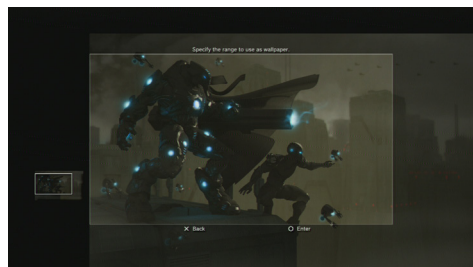
Then scroll to the right and select "Set as Wallpaper".



Step 6

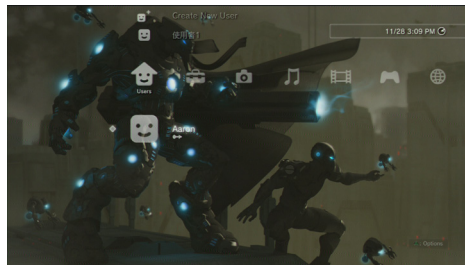
Use the right joystick to zoom in/out and left joystick to frame the image. When it is the proper size, press ○ (Enter).

Confirm with ○ (Enter) if you are prompted to overwrite your current wallpaper.



Step 7

Done! The snapshot that you have chosen is now set as your PS3 wallpaper.



On your PS3 console, you can go to **Settings > Theme Settings > Background** to turn wallpaper on or off.

Troubleshooting

To download the latest firmware for the *Capture Box*:

- 1 Go to www.avermedia.com.
- 2 Enter the model no. (C281) in Product Search field.
- 3 The latest firmware file is available on the "AP & Driver" section on the product information page.

Hard Drive Problem

Hard drive not detected

Actions

- **Make sure that the storage destination is properly set up.**
Go to Menu → Settings → Disk Management → Storage Destination to set storage destination.
- **Keep the hard drive connected and restart the *Capture Box*.**
- **Format current drive to NTFS file system.**
Please download the free application of HP USB Storage Format Tool at <http://download.cnet.com/HP-USB-Disk->

	Storage-Format-Tool/3000-2094_4-10974082.html
<div data-bbox="131 347 607 407">Video Display Problems</div> <div data-bbox="131 407 607 868"> <p data-bbox="185 612 499 664">“No component input signal” message appears on screen</p> </div>	<div data-bbox="672 347 1147 407">Actions</div> <ul data-bbox="689 425 1128 852" style="list-style-type: none"> • Make sure that all the cables are firmly connected. • Power off the Capture Box and then make sure that the device is connected with the proper cables (See 3.1 Hardware Installation in user manual for details). • Make sure that the console's output resolution is set to 1080i or below. (See 3.5 Video Output Settings for Game Consoles in user manual for details).
<div data-bbox="131 868 607 1229"> <p data-bbox="185 1038 524 1060">Screen color appears abnormal</p> </div>	<p data-bbox="692 888 1063 911"><u>Green screen color with buzzing noise:</u></p> <ul data-bbox="689 932 1070 1095" style="list-style-type: none"> • Make sure that the red and blue connectors do not come loose. • Make sure that the two red cables (Video/Red and Audio/Red) are connected to the correct ports. <p data-bbox="692 1117 879 1140"><u>Mono screen color:</u></p> <ul data-bbox="689 1161 1048 1216" style="list-style-type: none"> • Make sure that the red and blue connectors do not come loose.
<div data-bbox="131 1229 607 1310">Playback Problems</div> <div data-bbox="131 1310 607 1510"> <p data-bbox="185 1400 512 1423">Poor quality of captured video</p> </div>	<div data-bbox="672 1229 1147 1310">Actions</div> <ul data-bbox="689 1328 1120 1510" style="list-style-type: none"> • Make sure that only one console is connected to the Capture Box. The Capture Box supports one game console connection at a time only. Connecting more than one console at the same time may result in video quality

	<p>issues, even if only one console is on.</p> <ul style="list-style-type: none"> • Check video output settings of your game console. For PS3, set 1080p, 1080i and 720p as video output resolutions. If you only select 1080i, the screen resolution automatically goes to 480i when you play a game that supports 720p. (See 3.5 Video Output Settings for Game Consoles in user manual for details).
Jittery/Jerky video playback on PC	<ul style="list-style-type: none"> • Enable the “De-interlace” function of your media player before playback. Some media players cannot process the interlaced video (1080i / 576i /480i) well. This problem does not persist after video uploaded to YouTube.
Stuttering local video playback	<ul style="list-style-type: none"> • Try recording video again using another NTFS-formatted hard drive. • When this problem occurs, it is recommended to play the videos on PC. Alternatively, you can record at a lower bit rate to solve this problem. This problem does not persist after video uploaded to YouTube.
Gaming Lag Problem	<p>Actions</p> <ul style="list-style-type: none"> • Press “MODE” on the remote control to switch to “Real-time Mode”. (See 5.1 Standard Mode & Real-time Mode in user manual for details). • Make sure that the “TV progressive” function is disabled on your TV. *Different brands may have different naming for the “TV progressive” function. Example: “TruMotion” for LG, “Motion Flow” for Sony, etc. Refer to the operation manual that comes with
A slight lag while gaming	

your TV for details.



If the problem still persists, refer to FAQ at www.avermedia.com for further troubleshooting.

Open Source Code Notice

The following GPL executables and LGPL, MPL libraries used in this product are subject to the BSD/FreeBSD/

GPL/GPLv2/GPLv2+/GPLv3 with GCC/

RLE/jpeg/LGPLv2/LGPLv2.1/LGPLv2.1/

GPLv2/LGPLv2.1+/LGPLv2+/

libpng/MIT/NewBSD/OPENSSL/PD/zlib License Agreements:

BSD

cppstubs/db/libpcrc0

FreeBSD

thttpd

GPL

makedevs

GPLv2

busybox/dbus/dbus-x11/devmem2/dosfstools/fbset/i2c-tools/
iproute2/libblkid1/libdbus-1-3/libfontconfig/libfreetype6/libgpm/libltdl1/
linux-kernel/module-init-tools/module-init-tools-depmod/mtd
-utils/netbase/u-boot/update-modules/usbutils/util-linux-ng

GPLv2+

iptables/sysvinit/tinylogin/udev/update-rc.d

GPLv3 with GCC RLE

libgcc1/libstdc++6

jpeg

libjpeg8/libjpeg-tools

LGPLv2

libs-1.0-0/tslib

LGPLv2.1

libav/libusb-1.0-0

LGPLv2.1/GPLv2

Alsa

LGPLv2.1+

libidn2/libc6/libthread-db1

LGPLv2+

libglib-2.0-0

libpng

libpng12-0

MIT

curl/e2fsprogs/fbset-modes/graphmagic/libcom-err2/libcurl4/
libe2p2/libexpat1/libext2fs2/libformw/libmenuw/libpanelw5/
libss2/libtic5/libtinfo5/libxml2/ncurses/pointercal

NewBSD

iperf

OPENSSL

openssl

PD

modutils-initscripts

zlib

libz1

AVerMedia Technologies Inc. offers to provide source code to you for a charge covering the cost of performing such distribution, such as the cost of media, shipping and handling upon e-mail request to AVerMedia Technologies Inc. at <http://www.avermedia.com>



Model No. C281
Made in Taiwan